

Work Order ID 55907

February 4, 2010 10:52:35 AM



Page 1

Item ID: D412-758-013

Accept



Setup Start



Revision ID:

Stop



Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10 Start Qty: 4.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

N/A

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP412-758-013 CHG001

6/10/25

U 1002.04

110

0.00



Pick Kit

Memo

0.00

Packaging

Packaging

10-2-14 @ SP

120

0.00



Packaging

Memo

0.00

Packaging

Packaging

Identify and pack for shipping as per PPP D412-758-013

Location: _____ PPP Rev: A

→ QCY inspect Kit

5/10/25

(21)

Rec'd 2/25 (4)

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Item ID: D412-758-013

Accept



Setup Start



Revision ID:

Stop



Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10 Start Qty: 4.00



Cust Item ID:

Required Date: 2/05/10 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/03/03 *[Signature]*10-2-29
(4)

Picklist Print

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Work Order ID: 55907

Parent Item: D412-758-013

Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN525-10R7		Purchased	No			110	Each	596.0000	16.0000			
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Screw

10-2-17 SP

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	596	
106166	30	
110844	15	
112314	10	
112411	48	
113288	200	
113359	293	

16

AN51149003635

AN960JD10		Purchased	No			110	Each	0.0000	16.0000			
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Washer

D2464

		Manufactured	No			110	f	720.3810	4.4211			
--	--	--------------	----	--	--	-----	---	----------	--------	--	--	--



3/4 Seal

1113288 10-2-17 SP

10-2-17 SP

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	720.3809737	
39669	89.87	
48173	630.510974	

2x each

cut qty of 2 at 6.6" as per dwg D2464-0066 ***per kit***

D3514-043		Manufactured	No			110	Each	0.0000	4.0000			
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Top Mounted Gimbal Assembly

52379 10-2-17 SP

measured 6/16/25

Picklist Print

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Work Order ID: 55907



Parent Item: D412-758-013



Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D3525-1



Placard

Manufactured

No

110

Each

15.0000

4.0000

10-2-17

sf

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

15

28428

8

35026

7

4

D3534-1



Doubler

Manufactured

No

110

Each

13.0000

4.0000

10-2-17

sf

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

13

47431

13

4

D3645-1



Washer

Manufactured

No

110

Each

165.0000

16.0000

10-2-17

40 sf

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

165

35004

66

35025

99

16

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Shop Packet Print

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Picklist Print

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Work Order ID: 55907



Parent Item: D412-758-013



Parent Item Name: GPS Receiver Gimbal Mount, Top Mounted

Start Date: 2/04/10

Required Date: 2/05/10

Comments: IPP rev A 07.05.28 new issue EC verified by DD

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS24693-S27		Purchased	No			110	Each	12.0000	16.0000			



SCREW

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

12

101760

12

10-2-17 sl (4)
M114037 11P Per 2/27
5X

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Shop Packet Print

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4.0 WEIGHT AND BALANCE

The following weight and balance information does not include the installation of the GPS Receiver in the D412-758-011/-013 Gimbal Mount.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-758-011, Bottom Mounted GPS Receiver Gimbal Mount	1.40 lb 0.64 kg	8.0 in 0.20 m	11.2 in lb 0.13 kg m	24.0 in 0.61 m	33.6 in lb 0.39 kg m
D412-758-013, Top Mounted GPS Receiver Gimbal Mount	1.37 lb 0.62 kg	0 in 0 m	0 in lb 0 kg m	24.0 in 0.61 m	32.9 in lb 0.38 kg m
Typical Antenna Installation	0.5 lb 0.23 kg	-10.5 in -0.27 m	-5.3 in lb -0.06 kg m	51.5 in 1.31 m	25.8 in lb 0.30 kg m

5.0 PARTS LIST

QTY -011/	QTY -013	Part Number	Description
X		D412-758-011	Bottom Mounted GPS Receiver Gimbal Mount
	X	D412-758-013	Top Mounted GPS Receiver Gimbal Mount
1		D3514-041	Bottom Mounted Gimbal Assembly
	1	D3514-043	Top Mounted Gimbal Assembly
1		*D3514-045	Bottom Mounted Housing Assembly
	1	*D3514-047	Top Mounted Housing Assembly
1	1	*D3522-1	Gasket
1		*D3523-1	Leg
	1	*D3523-3	Leg
1	1	*D3524-1	Lower Plate
1	1	*D3526-1	Rubber Seal
	1	*D3531-041	Bracket Assembly
2	2	*D3533-3	Set Screw
	1	*AN3-6A	Bolt
1		*AN3-10A	Bolt
3	2	*AN960JD10L	Washer
4	4	*MS24693-S29	Screw
	/2	D2464-0066	Neoprene Seal
1	1	D3525-1	Placard
1		D3527-1	Support Arm
1		D3530-1	Base Plate
1		D3530-3	Mounting Plate
1	1	D3534-1	Doubler
	4	D3645-1	Washer
	4	AN525-10R7	Screw
3		AN526-632R7	Screw (or MS35206-229)
3		AN960JD6	Washer
2	/4	AN960JD10	Washer
3		MS21042L06	Nut
1		MS21042L3	Nut
4	4	MS24693-S27	Screw
1		MS27039-1-09	Screw

Note: * denotes included in above assembly

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries